2020 F-150

Specs

Key product specifications include vehicle dimensions and capacities, detailed powertrain information, transmission gear ratios and more.

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Regular Cab Dimensions

Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		122.4	141.1	122.4	141.1
Code	Description (in.)				
A	Head Room	40.8	40.8	40.8	40.8
B	Inside Length[1] (at floor)	78.9	97.6	78.9	97.6
C	Inside Height[1]	21.4	21.4	21.4	21.4
D	Leg Room (maximum)	43.9	43.9	43.9	43.9
E	Open Tailgate to Ground (Empty)[2]	34.7	34.8	36.9	36.5
F	Front Overhang	37.8	37.8	37.8	37.8
G	Overall Length	209.3	227.9	209.3	227.9
H	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
I	Shoulder Room	66.7	66.7	66.7	66.7
J	Hip Room	62.5	62.5	62.5	62.5
K	Width Between Wheelhouses[1]	50.6	50.6	50.6	50.6
L	Max. Load Width[1] (at floor)	65.2	65.2	65.2	65.2
M	Cab Height (Empty)[2]	75.5	75.1	76.9	76.9
N	Ground Clearance	8.8	8.6	9.4	9.4

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

SuperCab Dimensions

Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		145.0	163.7	145.0	163.7
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.3	40.3	40.3	40.3
C	Inside Length(1) (at floor)	78.9	97.6	78.9	97.6
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	33.5	33.5	33.5	33.5
E	Open Tailgate to Ground (Empty)(2)	34.1	34.5	35.9	35.7
F	Inside Height(1)	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	250.5	231.9	250.5
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.8	65.8	65.8	65.8
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses(1)	50.6	50.6	50.6	50.6
M	Max. Load Width(1) (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty)(2)	75.5	75.5	77.2	77.0
O	Ground Clearance	8.7	8.7	9.4	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

SuperCrew Dimensions

Drive		4x2		4x4	
Cargo Box (ft.)		5.5	6.5	5.5	6.5
Wheelbase (in.)		145.0	156.8	145.0	156.8
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.4	40.4	40.4	40.4
C	Inside Length[1] (at floor)	67.1	78.9	67.1	78.9
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	43.6	43.6	43.6	43.6
E	Open Tailgate to Ground (Empty)[2]	34.0	34.6	35.7	36.1
F	Inside Height[1]	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	243.7	231.9	243.7
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.9	65.9	65.9	65.9
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses[1]	50.6	50.6	50.6	50.6
M	Max. Load Width[1] (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty)[2]	75.6	75.7	77.2	77.3
O	Ground Clearance	8.5	8.4	9.4	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Pickup Box Dimensions

Box Size (ft.)		5.5[1]	6.5[2]	8.0[3]
Code	Description (in.)			
A	Cargo Box Inside Length @ Floor	67.1	78.9	97.6
B	Cargo Box Length @ Top	65.4	77.2	95.9
C	Cargo Width @ Wheelhouse	50.6	50.6	50.6
D	Rear Opening Width @ Floor	60.3	60.3	60.3
E	Rear Opening Width @ Top	60.3	60.3	60.3
F	Cargo Body Maximum Inside Width	65.2	65.2	65.2
G	Cargo Body Height with Molding	21.4	21.4	21.4
	Cargo Box Volume[4]	52.8	62.3	77.4

(1) On 145.0" wheelbase SuperCrew.

(2) On 122.4" wheelbase Regular Cab, 145.0" wheelbase SuperCab and 156.8" wheelbase SuperCrew.

(3) On 141.1" wheelbase Regular Cab and 163.7" wheelbase SuperCab.

(4) Does not include allowances for wheelhouses.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Interior Volume

REGULAR CAB

Cab Position	Volume (cu. ft.)
Front Passenger	64.6
Cargo Volume Behind First Row	12.1

SUPERCAB

Cab Position	Volume (cu. ft.)	
	6.5-ft. box	8.0-ft. box
Front Passenger	64.6	64.6
Rear Passenger	51.4	51.4
Total Passenger	116.0	116.0
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	31.6	31.6

SUPERCREW

Cab Position	Volume (cu. ft.)	
	5.5-ft. box	6.5-ft. box
Front Passenger	64.6	64.6
Rear Passenger	67.1	67.1
Total Passenger	131.8	131.8
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	51.9	51.9

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Fuel Tank Capacity

REGULAR CAB

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
122.4 (4x2/4x4)	Midship	23.0	—
141.1 (4x2/4x4)	Midship	23.0	36.0

SUPERCAB

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	23.0	36.0
163.7 (4x2/4x4)	Midship	23.0	36.0

SUPERCREW

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	26.0	36.0
156.8 (4x2/4x4)	Midship	26.0	36.0

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Accessory Reserve Capacity (ARC) Calculation

This section provides the information needed to calculate the effect that vehicle options have on the payload capacity of Ford light trucks.

This information is useful to customers who plan to add aftermarket accessories or haul cargo at or near the vehicle's maximum capacity.

This section includes charts for each series, listing the maximum allowable weights for each GVWR.

ACCESSORY RESERVE CAPACITY

You can help prospective buyers estimate the total weight of accessories, equipment and modifications that may be added to the completed vehicle.

Ford vehicles are certified for compliance with the following FMVSS (Federal Motor Vehicle Safety Standards) or CMVSS (Canadian Motor Vehicle Safety Standards):(1)

- 204 — Steering Column Rearward Displacement
- 208 — Occupant Crash Protection
- 212 — Windshield Mounting
- 219 — Windshield Zone Intrusion
- 301 — Fuel System Integrity
- 303 — CNG Fuel System Integrity (Canadian Standard 301.2)

The total added accessory weight must not exceed the allowable weight shown in the tables. You should make retail customers who intend to modify or install accessories or equipment aware of this fact.

If the modification or installation of accessories or equipment causes the unloaded weight of the vehicle, as revised with the added equipment, to exceed the test vehicle weight, the U.S. vehicle alterer(2) may be responsible to certify the altered vehicle according to Title 49, Code of Federal Regulations 567.7 and 568.8. A Canadian vehicle alterer may be responsible to certify the altered vehicle according to Section 6 of the Canadian Motor Vehicle Safety Regulations.

In this section, each vehicle has a worksheet that addresses Total Accessory Reserve Capacity only. It does not consider Front Axle Accessory Reserve Capacity and does not include DSO option weights in the calculations.

To approximate the amount of accessory equipment or modification weight that can be added to a Ford light truck without exceeding the test vehicle weight, calculate an estimated Total Accessory Reserve Capacity as follows:

1. Determine the "Total Actual Regular Production Option Content Weight" of the desired regular production options from the corresponding Accessory Reserve Capacity Calculation/Worksheet on the following page.
2. Subtract the "Total Actual Regular Production Option Content Weight" from the "Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)" for the appropriate model. The difference is the estimated "Total Accessory Reserve Capacity."

	Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)
–	Total Actual Regular Production Option Content Weight
=	Total Accessory Reserve Capacity

Warning: The Accessory Reserve Capacity weight information addresses FMVSS and CMVSS Nos. 204, 208, 212, 219, 301 and 303 compliance only. For all light-duty trucks with a GVW rating under 8,500 lbs., federally certified trucks with a GVW rating of 8,500 to 10,000 lbs. that are optionally emission certified to light-duty standards and all California complete vehicles with a GVW rating of 14,000 lbs. or less, if more than 500 lbs. is added to the vehicle's "maximum vehicle weight,"(3) the modifier may be responsible for recertification to the applicable EPA or CARB emissions standards.

(1) Ford Motor Company's certification of compliance with FMVSS/CMVSS is based on specific vehicle test weights. These standards are applicable to completed vehicles of 10,000-lb. GVWR or less. Maximum allowable weights shown in the tables for vehicles above 10,000-lb. GVWRs are maximum recommended values for optimum performance, durability and customer satisfaction.

(2) The same procedure to estimate the "Total Accessory Reserve Capacity" is recommended to completed vehicle alterers in Canada.

(3) **Important:** "Maximum vehicle weight" is calculated in accordance with the definition provided in an EPA guidance letter dated July 13, 1979, from C.N. Freed of the EPA to M.H. McBride, legal counsel of the Recreation Vehicle Industry Association. The preceding conditions are based on that letter and on EPA Advisory Circular No. 64 — a March 7, 1977, publication that provides guidance on the need for separate certification of vehicles modified after original manufacture, but prior to sale and delivery to the ultimate purchaser. Additional guidance or questions concerning EPA's policies with respect to alterers of completed vehicles should be directed to legal counsel or the Environmental Protection Agency.

Base Curb Weight

- The weight of the vehicle including standard equipment, oil, lubricants and a full tank of fuel. It does not include the weight of driver, passengers, cargo or any optional or aftermarket equipment
- **Base curb weights for each engine/standard equipment transmission combination are listed in the Weight Ratings pages of each vehicle section (see Maximum Payload Weight Ratings for reference)**
- Actual Regular Production Option Content Weights can be found in the charts under Actual Regular Production Option Content Weights

Gross Axle Weight

The total weight placed on each axle of the vehicle (front and rear).

Gross Axle Weight Rating (GAWR)

The maximum allowable weight to be placed on an individual axle (front or rear). Gross Axle Weight Ratings are provided for both front and rear axles.

Gross Combination Weight (GCW)

Gross vehicle weight plus the trailer weight.

Gross Combination Weight Rating (GCWR)

The maximum allowable weight of the towing vehicle, the trailer and all associated passengers, cargo and equipment.

The point to remember is that the actual weights should never exceed the listed weight ratings. And remind your customers that if they do exceed the recommended weight ratings, they could disqualify their warranty coverage.

Gross Vehicle Weight (GVW)

The weight of the vehicle including driver, passengers, optional and aftermarket equipment, and all cargo.

Gross Vehicle Weight Rating (GVWR)

The maximum allowable weight of the fully loaded vehicle (including passengers and cargo).

Maximum Payload Weight Rating

This is the advertised payload rating. It is the maximum allowable payload for the truck, including driver, passengers, optional and aftermarket equipment, and cargo. The weight of the engine and its standard transmission is already factored into the Maximum Payload Weight Rating. If the engine is also available with an optional transmission, that engine/transmission weight can be found in the Actual Regular Production Option Content Weight charts.

Vehicle Payload Calculation	Front/Total (lbs.)
Maximum Payload Weight Rating(1)	____/____
Less Total Actual Regular Production Option Content Weight (from Line A, Payload/GVWR Worksheet)	____/____
Equals Net Total Vehicle Payload (Front and rear axles and spring capacities will be sufficient to carry this payload uniformly distributed in vehicle cargo area)	____/____

(1) Weight for driver and passengers must be deducted. Refer to the individual vehicle weight rating pages for maximum payload weight ratings. Refer to Regular Production Option Content Weight.

NOTE: Front springs are computer selected to meet specific option requirements for each vehicle; HD front springs are standard if vehicle option weights require.

Maximum Payload Weight Ratings

The Payload Weight Ratings and the Maximum Option Weight/Maximum Total Accessory Reserve Capacity (ARC) Weight Charts (1) are published and can be found in the weight ratings pages of the individual vehicle sections. This information is grouped together with other model, engine/transmission and maximum gross vehicle weight rating (GVWR) data for ease of use.

(1) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

Option Weights

The weight of any added equipment that is not included in the base curb weight.

Passenger Weight

Defined as 150 lbs. multiplied by the number of safety-belted seating positions, including the driver, that the vehicle can carry.

Payload

- Maximum payload is defined as the weight of all passengers, optional and aftermarket equipment, and cargo
- Net payload is defined as the weight that can be placed in the truck after subtracting for driver, passengers, and optional and aftermarket equipment

Tongue Weight

The amount of the trailer's weight that bears down on the trailer hitch (10 to 15 percent of the total loaded conventional trailer weight or 15 to 25 percent of the total loaded 5th-wheel trailer weight).

Trailer Weight

The weight of a fully loaded trailer, including all attachments, lights, etc.

Truck "Nominal Tonnage"

"Nominal Tonnage" is a term that Ford and other manufacturers have historically used to **generally categorize** the load capacity of a vehicle series; it is not a term defined by federal or state law.

Our COV (Certificate of Origin for a Vehicle) includes each particular vehicle's shipping weight as well as the vehicle's gross vehicle weight rating or GVWR (from which one can determine the particular vehicle's rated carrying capacity, including driver, passengers, fluids, body upfit [if applicable] and aftermarket accessories). The COV also includes the vehicle's "Nominal Tonnage."

"Nominal Tonnage" provides the **general** usable cargo capability that most (but not all) of the vehicles with the designated nominal tonnage can expect to handle. That is, nominal tonnage states the general load capacity for each vehicle series, although particular vehicles may have a higher (or in some circumstances, lower) load capacity based on the specifications of the particular vehicle.

Relevant Vehicle Series/Nominal Tonnage Relationship Categories	
Nominal Tonnage	**Vehicle**
½	Ranger, F-150, Transit Connect, Transit Passenger Van
¾	E-350 Cutaway/Stripped Chassis, Transit-150 Cargo Van/Crew Van/Passenger Van, Transit-250 Cargo Van/Crew Van, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,499 lbs.), Transit-250 Cutaway/Chassis Cab, F-250 Pickup
1	E-450 Cutaway/Stripped Chassis, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,500 lbs.), Transit-350 Cutaway/Chassis Cab, F-350 Pickup, F-350 Chassis Cab
1½	F-450 Pickup, F-450 Chassis Cab
2	F-550 Chassis Cab

Vehicle Class Ratings by GVWR

Weight Class	GVWR Range (lbs.)	Vehicle/Model
1	Up to 6,000	Transit Connect Cargo Van (5,110–5,302 lbs.) Transit Connect Passenger Wagon (5,302–5,420 lbs.)
2	6,001 to 10,000	Ranger (6,050 lbs.) Transit-150 Cargo Van/Passenger Van (8,670/8,550 lbs.) Transit-250 Cargo Van/Crew Van (9,070 lbs.) Transit-350 Cargo Van/Crew Van (9,250–9,950 lbs.) Transit-350 Passenger Van (9,250–9,400 lbs.) Transit-250 Cutaway/Chassis Cabs (9,070 lbs.) Transit-350 Cutaway/Chassis Cabs (9,500 and 9,950 lbs.) F-150 (6,070–7,850 lbs.) F-250 Pickup (9,900–10,000 lbs.) F-350 Pickup (10,000 lbs.) F-350 Chassis Cab SRW (9,800–10,000 lbs.)
3	10,001 to 14,000	E-350 Cutaway (10,050–12,500 lbs.) E-350 Stripped Chassis (11,500–12,500 lbs.) Transit-350 Cargo Van/Crew Van/Passenger Van (11,000 lbs.) Transit-350 Cutaway/Chassis Cab (10,360 lbs.) F-350 SRW Pickup (10,100–11,500 lbs.) F-350 DRW Pickup (13,000[1]–14,000 lbs.) F-350 Chassis Cab SRW (10,500–11,500 lbs.) F-350 DRW Chassis Cab (14,000 lbs.) E-450 Cutaway (14,000 lbs.) F-450 Pickup (14,000 lbs.)
4	14,001 to 16,000	E-450 Cutaway (14,200–14,500 lbs.) E-450 Stripped Chassis (14,200–14,500 lbs.) F-450 Chassis (15,000–16,000 lbs.) F59 Commercial Stripped Chassis (16,000 lbs.) F53 Motorhome Chassis (16,000 lbs.)
5	16,001 to 19,500	F-450 Chassis Cab (16,500 lbs.) F-550 (17,500 –19,500 lbs.) F59 Commercial Stripped Chassis (19,500 lbs.) F53 Motorhome Chassis (18,000 lbs.)
6	19,501 to 26,000	F-600 (TBA) F-650 Gasoline (22,000–26,000 lbs.) Diesel (22,000–26,000 lbs.) F59 Commercial Stripped Chassis (22,000 lbs.) F53 Motorhome Chassis (20,500 –26,000 lbs.)
7	26,001 to 33,000	F-650 (27,500–29,000 lbs. Gas and Diesel) F-750 (31,000–33,000 lbs. Gas and Diesel)
8	33,001 plus	F-750 (34,200–37,000 lbs. Diesel)

(1) 13,000 lbs. pickup box delete only.

2020 F-150 > **Specs** > **Dimensions/Weights/Capacities** > General Truck Payload Information

Weight Distribution

That portion of a vehicle's total weight that will be supported by each axle and each tire. Proper distribution of vehicle weight is critical to braking, handling and to the service life of components such as axles, springs, bearings and tires.

F-150 Styleside Pickup — Weights and Capacities

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)[1]	Max. Total Option Weight/ Max. Total ARC Weight (lbs.)[2]	Max. Std. Spring Select GAWR (lbs.)[3]		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
Regular Cab 4x2 122.4	3.3L Ti-VCT V6	6,100	1,990	341/521	3,000	3,350	2,383	1,686	4,069
	2.7L EcoBoost	6,070	1,860	343/524	3,000	3,350	2,464	1,702	4,166
	5.0L Ti-VCT	6,200	1,950	334/569	2,850	3,800	2,451	1,749	4,200
Regular Cab 4x2 141.1	3.3L Ti-VCT V6	6,170	1,960	416/789	3,000	3,350	2,477	1,687	4,164
	2.7L EcoBoost	6,220	1,920	438/621	3,150	3,350	2,558	1,697	4,255
	2.7L EcoBoost[4]	6,900	2,470	413/593	3,150	4,050	2,612	1,772	4,384
	5.0L Ti-VCT	6,750	2,390	434/666	3,150	3,800	2,608	1,702	4,310
	3.5L EcoBoost	7,050	2,640	443/650	3,150	4,050	2,635	1,730	4,365
	5.0L Ti-VCT[5]	7,850	3,270	358/538	3,400	4,800	2,699	1,829	4,528
	3.5L EcoBoost[5]	7,850	3,230	349/529	3,400	4,800	2,709	1,859	4,568
SuperCab 4x2 145.0	3.3L Ti-VCT V6	6,300	1,840	571/739	3,225	3,350	2,560	1,855	4,415
	2.7L EcoBoost	6,400	1,840	650/814	3,375	3,350	2,651	1,855	4,506
	2.7L EcoBoost[4]	6,750	2,120	625/793	3,375	3,800	2,673	1,903	4,576
	5.0L Ti-VCT	6,900	2,320	646/813	3,450	3,800	2,680	1,854	4,534
	3.5L EcoBoost	6,900	2,260	655/823	3,450	3,800	2,698	1,892	4,590
	3.0L V6 Diesel	7,050	2,020	652/805	3,750	3,800	2,916	2,059	4,975
SuperCab 4x2 163.7	2.7L EcoBoost	6,500	1,800	650/818	3,500	3,350	2,743	1,901	4,645
	2.7L EcoBoost[4]	6,900	2,150	625/771	3,600	3,800	2,799	1,901	4,700
	5.0L Ti-VCT	7,000	2,290	646/814	3,600	3,800	2,790	1,865	4,655
	3.5L EcoBoost	7,050	2,250	655/823	3,650	4,050	2,835	1,912	4,747
	5.0L Ti-VCT[5]	7,850	3,070	518/776	3,750	4,800	2,797	1,935	4,732
	3.5L EcoBoost[5]	7,850	2,950	506/675	3,750	4,800	2,857	1,934	4,851
SuperCrew 4x2 145.0	3.3L Ti-VCT V6	6,280	1,700	565/733	3,300	3,350	2,604	1,924	4,528
	2.7L EcoBoost	6,360	1,710	654/820	3,375	3,350	2,672	1,931	4,603
	2.7L EcoBoost[4]	6,650	1,940	618/796	3,375	3,800	2,690	1,969	4,659
	5.0L Ti-VCT	6,800	2,140	650/816	3,375	3,800	2,692	1,916	4,608
	High-output 3.5L EcoBoost[6]	6,750	1,560	260/373	3,375	3,800	2,951	2,184	5,135
	3.5L EcoBoost	6,750	2,050	682/890	3,375	4,050	2,697	1,949	4,646
	3.0L V6 Diesel	7,050	1,980	664/847	3,600	3,800	2,910	2,101	5,011
SuperCrew	2.7L EcoBoost	6,500	1,820	658/835	3,450	3,350	2,746	1,882	4,628

4x2 156.8	2.7L EcoBoost[4]	6,800	2,060	632/811	3,450	3,800	2,745	1,940	4,685
	5.0L Ti-VCT	6,950	2,260	654/850	3,450	3,800	2,749	1,892	4,641
	3.5L EcoBoost	7,000	2,270	696/931	3,525	4,050	2,763	1,912	4,675
	5.0L Ti-VCT[5]	7,850	2,930	531/731	3,750	4,800	2,852	2,018	4,870
	3.5L EcoBoost[5]	7,850	2,870	520/688	3,750	4,800	2,874	2,055	4,929
	3.0L V6 Diesel	7,050	1,920	677/861	3,750	3,800	2,997	2,080	5,077
Regular Cab 4x4 122.4	3.3L Ti-VCT V6	6,120	1,730	306/472	3,000	3,350	2,585	1,758	4,343
	2.7L EcoBoost	6,210	1,720	322/494	3,150	3,350	2,675	1,769	4,444
	5.0L Ti-VCT	6,400	1,840	356/543	3,150	3,800	2,720	1,785	4,505
Regular Cab 4x4 141.1	3.3L Ti-VCT V6	6,390	1,920	391/571	3,225	3,350	2,718	1,700	4,418
	2.7L EcoBoost	6,500	1,920	418/610	3,300	3,350	2,820	1,709	4,529
	2.7L EcoBoost[4]	6,800	2,110	393/573	3,375	3,800	2,859	1,777	4,636
	5.0L Ti-VCT	6,950	2,320	451/669	3,375	3,800	2,821	1,755	4,576
	3.5L EcoBoost	7,050	2,370	423/631	3,375	4,050	2,821	1,805	4,626
	5.0L Ti-VCT[5]	7,850	3,150	379/675	3,400	4,800	2,839	1,806	4,645
	3.5L EcoBoost[5]	7,850	3,040	370/593	3,750	4,800	2,902	1,856	4,758
SuperCab 4x4 145.0	3.3L Ti-VCT V6	6,500	1,770	551/712	3,450	3,350	2,801	1,874	4,675
	2.7L EcoBoost	6,500	1,640	642/774	3,570	3,350	2,903	1,903	4,806
	2.7L EcoBoost[4]	7,000	2,130	610799	3,600	3,800	2,896	1,917	4,813
	5.0L Ti-VCT	7,050	2,200	668/835	3,600	3,800	2,913	1,887	4,800
	3.5L EcoBoost	7,050	2,150	641/819	3,650	3,800	2,920	1,922	4,842
	3.0L V6 Diesel (TOD 4x4)	7,050	1,760	639790	3,900	3,800	3,147	2,089	5,236
	3.0L V6 Diesel (ESOF 4x4)	7,000	1,690	549/775	3,900	3,800	3,148	2,103	5,251
SuperCab 4x4 163.7	5.0L Ti-VCT	7,000	2,020	672/842	3,680	3,800	2,912	2,016	4,928
	3.5L EcoBoost	7,050	2,050	641/880	3,680	4,050	2,880	2,066	4,946
	5.0L Ti-VCT[5]	7,850	2,760	542/750	3,750	4,800	2,984	2,046	5,030
	3.5L EcoBoost[5]	7,850	2,730	533/726	3,750	4,800	2,998	2,068	5,066
SuperCrew 4x4 145.0	3.3L Ti-VCT V6	6,500	1,680	552/718	3,500	3,350	2,826	1,944	4,770
	2.7L EcoBoost	6,600	1,690	636/803	3,750	3,350	2,905	1,954	4,859
	2.7L EcoBoost[4]	6,900	1,940	614/781	3,600	3,800	2,911	1,991	4,902
	5.0L Ti-VCT	7,000	2,080	661/858	3,600	3,800	2,918	1,950	4,868
	High-output 3.5L EcoBoost[6]	6,750	1,270	260/376	3,600	3,800	3,196	2,228	5,424
	3.5L EcoBoost	7,000	2,050	667/885	3,600	4,050	2,918	1,980	4,898
	3.0L V6 Diesel (TOD 4x4)	7,050	1,720	652/832	3,900	3,800	3,138	2,133	5,271

	3.0L V6 Diesel (ESOF 4x4)	7,000	1,660	593/794	3,900	3,800	3,139	2,147	5,286
SuperCrew 4x4 156.8	5.0L Ti-VCT	7,050	2,080	676/873	3,750	3,800	2,984	1,929	4,913
	3.5L EcoBoost	7,050	2,050	679/895	3,750	4,050	2,985	1,961	4,946
	5.0L Ti-VCT(5)	7,850	2,710	558/791	3,750	4,800	3,066	2,020	5,086
	3.5L EcoBoost(5)	7,850	2,690	546/777	3,750	4,800	3,067	2,041	5,108
	3.0L V6 Diesel (TOD 4x4)	7,100	1,720	659/843	3,900	3,800	3,209	2,111	5,320
	3.0L V6 Diesel (ESOF 4x4)	7,050	1,660	604/795	3,900	3,800	3,211	2,124	5,335

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight.

(2) OPT/ ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.

(4) Ratings based on 2.7L EcoBoost V6 Payload Package (622).

(5) Ratings based on Heavy-Duty Payload Package (627).

(6) Limited model.

NOTE: Refer to Standard Equipment for Standard Powertrain/Chassis Equipment Specifications.

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Actual Regular Production Option Content Weight

Option Weight	(Front/Total) (lbs.)
TIRES:	
P245/70R17 (All-season)	(0/0)
P265/70R17 (All-terrain OWL)	(0/0)
P265/60R18 (All-season OWL) (4x2) (Regular Cab)	(8/17)
P265/60R18 (All-season OWL) (4x2) (SuperCab)	(8/17)
P265/60R18 (All-season OWL) (4x2) (SuperCrew)	(8/17)
LT275/65R18 (All-terrain OWL)	(22/43)
P275/55R20 (All-season OWL) (4x2) (SuperCab)	(15/29)
P275/55R20 (All-season OWL) (4x2) (SuperCrew)	(15/29)
P275/55R20 (All-terrain OWL) (4x4) (SuperCab)	(7/14)
P275/55R20 (All-terrain OWL) (4x4) (SuperCrew)	(7/14)
LT245/70R17D (All-terrain BSW) (Regular Cab/SuperCab) (SuperCrew)	(28/56) (28/56)
LT275/65R18C (All-terrain OWL) (4x4) (SuperCab) (SuperCrew)	(3/6) (11/23)
TRIM:	
XL 4x2 (Regular Cab)	(0/0)
XL 4x2 (SuperCab)	(0/0)
XL 4x2 (SuperCrew)	(0/0)
XL 4x4 (Regular Cab)	(0/0)
XL 4x4 (SuperCab)	(0/0)
XL 4x4 (SuperCrew)	(0/0)
XLT 4x2 (Regular Cab)	(8/15)
XLT 4x2 (SuperCab)	(1/2)
XLT 4x2 (SuperCrew)	(1/2)
XLT 4x4 (Regular Cab)	(6/11)
XLT 4x4 (SuperCab)	(5/9)
XLT 4x4 (SuperCrew)	(5/9)
Lariat 4x2 (SuperCab)	(12/19)
Lariat 4x2 (SuperCrew)	(12/19)
Lariat 4x4 (SuperCab)	(12/19)
Lariat 4x4 (SuperCrew)	(12/19)
King Ranch 4x2 (SuperCrew)	(10/16)

King Ranch 4x4 (SuperCrew)	(12/20)
Limited 4x2 (SuperCrew)	(13/23)
Limited 4x4 (SuperCrew)	(13/23)
Platinum 4x2 (SuperCrew)	(12/19)
Platinum 4x4 (SuperCrew)	(13/24)
FX4 Off-Road Package	TBA/TBA
Lariat Chrome Package	(0/0)
Lariat Special Edition Package	TBA/TBA
Max. Trailer Tow Package	(12/26)
Power Equipment Group (Fleet)	(0/0)
STX Appearance Package	TBA/TBA
Trailer Tow Package (Medium Duty)	(0/11)
Trailer Tow Package (Heavy Duty)	(12/25)
XLT Chrome Package	(0/0)
XLT Special Edition Package	TBA/TBA
OPTIONS:	
110V/400W AC Power Outlet	(2/3)
AM/FM/MP3 Audio System	(1/1)
Axle Ratio	(0/1)
Axle Ratio, Limited-slip	(0/2)
Bedliner, Hard	(0/45)
Bedliner, Spray-in	(0/45)
Carpet	(2/3)
Cruise Control, Adaptive with stop-and-go and Pedestrian Detection	(2/3)
Floor Mats, Carpeted	
Regular Cab	(2/3)
SuperCab	(3/6)
SuperCrew	(3/6)
Flooring, Vinyl	(0/0)
Fog Lamps	(-4/-3)
Front License Plate Bracket	(1/1)
Fuel Tank, 36-gallon	(20/83)
Inflatable Rear Safety Belts (SuperCab and SuperCrew)	(1/4)
Moonroof	
Single Panel	(26/51)
Twin Panel Moonroof	(33/64)
Navigation System	(6/8)
Paint, Two-tone	(1/2)

Pedals, Power-adjustable	(5/7)
Pickup Box Access Steps	(16/63)
Pickup Box Lighting	(0/1)
Pickup Box Tie-Down Cleats	(2/8)
Pro Trailer Backup Assist	(1/1)
Rear View Camera	(0/0)
Remote Keyless Entry System	(2/4)
Remote Tailgate Release	(0/3)
Reverse Sensing System	(0/0)
Running Boards, 5" Chrome Tubular	
SuperCab	(14/26)
SuperCrew	(16/29)
Running Boards, Black Platform	
Regular Cab	(14/25)
SuperCab	(21/40)
SuperCrew	(21/40)
Running Boards, Polished Stainless Steel, Tubular	
Regular Cab	(12/22)
SuperCab	(14/26)
SuperCrew	(16/29)
Running Boards, Power-deployable	(29/57)
Seat, Vinyl 40/20/40	(0/0)
Seat, Cloth 40/20/40	(0/0)
Seat, Cloth Captain's Chairs	(0/0)
Seat, Leather Captain's Chairs	(0/0)
Seat, Power 6-way	(5/8)
Seat, Power 10-way	(7/13)
Seats (Heated/Cooled)	(4/4)
Seats (Heated Rear)	(1/1)
Side Mirrors, Power Heated, Signal	(1/2)
Side Mirrors, Power Heated, PowerFold, Memory	(3/6)
Side Mirrors, Manually Telescoping Trailer Tow, Manual Glass	(8/14)
Side Mirrors, Manually Telescoping Trailer Tow, Power Heated Glass	(10/17)
Side Mirrors, Power	(1/2)
Side Mirrors, Power-telescoping Trailer Tow, Heated Glass	(14/21)
SiriusXM Satellite Radio	(0/0)
Skid Plates	(18/28)
Soft Tonneau Cover	(0/25)

Stowable Bed Extender	(-2/19)
SYNC	(1/2)
SYNC 3	(2/3)
Tailgate Step	(-7/40)
Trailer Brake Controller	(0/0)
Transfer Case, Electronic Shift-on-the-Fly	(0/0)
Universal Garage Door Opener	(0/0)
Wheel Well Liners	(4/8)
Wheels, 17" Silver-painted Aluminum (64F)	(-10/-19)
Wheels, 18" Chrome-like PVD Aluminum (64T)	(-3/-6)
Wheels, 18" 6-spoke Machined Aluminum (64R)	(1/1)
Wheels, 18" Machined Aluminum (64M)	(TBA/TBA)
Wheels, 18" Silver Aluminum (64H)	(TBA/TBA)
Wheels, 20" Chrome-like PVD (64L)	(15/34)
Wheels, 20" 6-spoke Painted Aluminum (64S)	(17/33)
Wheels, 20" Machined Aluminum with Painted Accents (64G)	(11/22)
Wheels, 20" Unique Premium Tarnished Dark-painted Aluminum (64A)	(15/30)
Window, Rear, Fixed Privacy Glass with Defrost	(0/0)
Window, Rear, Manual-sliding with Privacy Tint	(2/4)
Window, Rear, Power-sliding (SuperCab and SuperCrew)	(3/6)
Line A) Total Actual Option Content Weight: (Front/Total)	____/___
Maximum Payload Rating Weight Less Total Actual Regular Production Option Content Weight (from Line A above) = Net Payload	

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Standard Equipment

F-150 4x2 Styleside Pickup[1][2]

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.3L Ti-VCT V6
Transmission	Type	6R80 6-speed Auto OD
AXLES:		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3,000 lbs. Regular Cab, 3,225 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3,300 lbs.
BRAKES:		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Brake System		4-wheel (4-channel with Electronic Brakeforce Distribution)
Parking Brake (Rear Brakes)		Electric
ELECTRICAL:		
Alternator	Rating	200 Amp, 2,700 Watt/240 Amp, 3,240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70-AH, 610 CCA; 80-AH, 730 CCA
Harnesses	Type	3-pin Connector
FUEL TANK:	Capacity	23.0 Gal.
JACK:	Capacity	2 Tons
STEERING:	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB
SUSPENSION:		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected
	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"

Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow[3]
TIRES:	Type	Steel-belted Radial All-season Less 8,200-lb. GVWR; Steel-belted Radial All-terrain with 8,200-lb. GVWR
	Size	Five 235/75Rx17 BSW Less 8,200-lb. GVWR; Five LT245/75R17E BSW with 8,200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8,200-lb. GVWR

(1) 8,200-lb. GVWR is included with the available Heavy-Duty Payload Package (627) and requires either the 5.0L Ti-VCT V8 or 3.5L Ti-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling and frame upgrade (.150 rail thickness).

(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.

(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-Duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

NOTE: Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

F-150 4x4 Styleside Pickup[1][2]

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.3L Ti-VCT V6
Transmission	Type	6R80 6-Speed Auto OD
Transfer Case	Type	Electronic Shift
	Low/High Gear Ratio	2.64:1/1.00:1
AXLES:		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3,225 lbs. Regular Cab, 3,450 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3,300 lbs.
BRAKES:		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Brake System		4-wheel (4-channel with Electronic Brakeforce Distribution)
Parking Brake (Rear Brakes)		Electric
ELECTRICAL:		
Alternator	Rating	200 Amp, 2,700 Watt/240 Amp, 3,240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70-AH, 610 CCA; 80-AH, 730 CCA
Harnesses	Type	3-pin Connector
FUEL TANK:	Capacity	23.0 Gal.
JACK:	Capacity	2 Tons
STEERING:	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB
SUSPENSION:		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected

	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"
Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow[3]
TIRES:	Type	Steel-belted Radial All-terrain
	Size	Five 235/75Rx17 BSW Less 8,200-lb. GVWR; Five LT245/75Rx17E BSW with 8,200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8,200-lb. GVWR

(1) 8,200-lb. GVWR is included with the available Heavy-Duty Payload Package (627) and requires either the 5.0L Ti-VCT V8 or 3.5L Ti-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling and frame upgrade (.150 rail thickness).

(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.

(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-Duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

NOTE: Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Powertrain

10-speed Automatic Transmission Specifications

6-speed Automatic Transmission Specifications

Cooling System Specifications

Engine

Fuel System Data

Transfer Case Specifications

10-speed Automatic Transmission Specifications

Make/Type	Ford 10-speed Automatic Overdrive (10R80)
Engine	2.7L EcoBoost V6, 3.5L EcoBoost V6, High-output 3.5L EcoBoost V6, 5.0L Ti-VCT V8, 3.0L Power Stroke V6 Turbo Diesel
Ratios (to 1):	
1st	4.696
2nd	2.985
3rd	2.146
4th	1.769
5th	1.520
6th	1.275
7th	1.000
8th	0.854
9th	0.689
10th	0.636
Reverse	4.866
Converter Size and Type	260 mm with turbine damper
Converter Stall Ratio	1.82:1
Lubricant Capacity (qt.)	12.2
Planetary	Simple (4)
Helical Gears	All
Oil Cooler	Not available
Turbine Speed Sensor System	Yes with (4) internal speed sensors
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	231 lbs. (4x2)/234 lbs. (4x4)

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

6-speed Automatic Transmission Specifications

Make/Type	Ford 6-speed Automatic Overdrive (6R80)
Engines	3.3L Ti-VCT V6
Ratios (to 1):	
1st	4.17
2nd	2.34
3rd	1.52
4th	1.14
5th	0.86
6th	0.69
Reverse	3.40
Converter Size and Type	260 mm 155K (Single-stage Conventional)
Converter Stall Ratio	2.30:1
Lubricant Capacity (qt.)	12.0
Planetary	Simple and Ravigneaux
Helical Gears	All
Oil Cooler	4-channel
Turbine Speed Sensor System	Yes
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	211 lbs. (4x2)/208 lbs. (4x4)

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Engine

Driveline Layout	Front engine, rear wheel (RWD) or 4x4					
Engine Type	3.3L Ti-VCT V6	2.7L EcoBoost V6	5.0L Ti-VCT V8	3.5L EcoBoost V6	High-output 3.5L EcoBoost V6	3.0L Power Stroke V6 Turbo Diesel
Displacement (liters/cu. in.)	3.3/201	2.7/164	5.0/302	3.5/214	3.5/214	3.0L/183
Horsepower @ rpm	290 @ 6,500	325 @ 5,000	395 @ 5,750	375 @ 5,000	450 @ 5,000(1)	250 @ 3,250
Torque (lb.-ft.) @ rpm	265 @ 4,000	400 @ 2,750	400 @ 4,500	470 @ 3,500	510 @ 3,500(1)	440 @ 1,750
Compression Ratio	12.0:1	10.0:1	12.0:1	10.0:1	10.0:1	16.0:1
Valvetrain	Ti-VCT DOHC					DOHC
Valve Operation	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower
Bore & Stroke (in.)	3.56 x 3.41	3.27 x 3.27	3.63 x 3.65	3.64 x 3.45	3.64 x 3.45	3.31 x 3.54
Main Bearings	4	4	5	4	4	4
Induction	Naturally aspirated	Twin turbocharged	Naturally aspirated	Twin turbocharged	Twin turbocharged	Single turbocharged
Fuel System	Port Fuel Direct-Injection (PFDI) dual system					Direct-injection
Fuel Requirement (octane)	87 (min.)					ULSD Diesel/B20 biodiesel

(1) Horsepower and torque ratings based on premium fuel per SAE J1349 standard. Your results may vary.

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Fuel System Data

Sequential Electronic Fuel Injection	3.3L Ti-VCT V6	Port Fuel/Direct-injection (PFDI)
	2.7L EcoBoost V6	Port Fuel/Direct-injection (PFDI)
	5.0L Ti-VCT V8	Port Fuel/Direct-injection (PFDI)
	3.5L EcoBoost V6	Port Fuel/Direct-injection (PFDI)
	High-output 3.5L EcoBoost V6	Port Fuel/Direct-injection (PFDI)
	3.0L V6 Diesel	High-pressure Common Rail Fuel System
Fuel Pump	Single Electric In-tank High-pressure	
	In-tank Electric High-pressure Engine-mounted Booster	
Fuel Filter	All Gas Engines	In-tank Lifetime
	3.0L V6 Diesel	Full-flow, Disposable Filter/In-line Water Separator
Air Cleaner	All Engines	Dry Element, Replaceable

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Cooling System Specifications

Engine	Radiator Usage	Frontal Area (sq. cm)	Core Size (mm)			Rows of Tubes	Fins Per dm	Cooling System Cap. (liters)	Fans	
			Height	Width	Core				Diameter (mm)	No. of Blades
3.3L Ti-VCT V6	Standard	400	454.3	880	26	56	85	14.5	370/396	5
2.7L EcoBoost V6	Standard	400	454.3	880	26	56	85	15.5	370/396	5
	Trailer Tow(1)	400	454.3	880	32	56	75			
5.0L Ti-VCT V8	Standard	400	454.3	880	26	56	85	15.0	370/396	5
3.5L EcoBoost V6	Standard	400	454.3	880	26	56	85	14.8	370/396	5
	Trailer Tow(2)	400	454.3	880	32	56	75			
High-output 3.5L EcoBoost V6	Standard	400	454.3	880	26	56	85	14.75	370/396	5
3.0L Power Stroke V6 Turbo Diesel	Standard	400	454.3	880	32	56	75	13.0	370/396	6

(1) Trailer tow class Heavy CICAE.

(2) Trailer tow class Heavy CICAE, Max CICAP and SuperMax CICAQ.

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

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Transfer Case Specifications

Shift Type	Electric Shift-on-the-Fly (ESOF)/ 2-speed Automatic Four-wheel Drive (4WD)
Gear Type	2-speed Planetary Gears
Lubricant Capacity (qt.)	1.3 – 1.5
Gear Ratio — High	1.00:1
Gear Ratio — Low	2.64:1
Case Material	Magnesium

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Chassis

Brake Master Cylinder Specifications
Four-wheel Vented Disc (ABS)
Frame Specifications
Front Axle Specifications
Hydraulic Brake Equipment Specifications Rear Disc
Power Brakes Vacuum Booster Specifications
Rear Axle Specifications
Shock Absorber Specifications
Spring Specifications — Front Coil
Spring Specifications — Rear Main Leaf
Steering
Tire Specifications
Wheel Specifications

Front Axle Specifications

Series/Model		F-150 4x2	F-150 4x4
Type		Long-spindle Double-wishbone, Coil-over-shock Independent Front Suspension	
Max. Rating @ Ground (lbs.)		3,750	3,750
Upper Control Arm	Material	Stamped Steel	
Lower Control Arm	Material	Stamped Steel	
Spring	Type	Coil-over-shock, Computer-selected	
Ball Joints		Lubed-for-Life	
Spindle	Material	Cast-aluminum Body with Forged Steel Stem	
Wheel Bearings	Type	Self-retained Tapered Roller (GEN II Cartridge)	

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Rear Axle Specifications

Series/Model		F-150 4x2			F-150 4x4		
Max. Rating @ Ground (lbs.) (Engine)		4,800[1]			4,800[1]		
Make		Standard/Electronic-locking		Electronic-locking	Standard/Electronic-locking		Electronic-locking
Axle Ratios (:1)		3.31, 3.55, 3.73	3.15, 3.55, 3.73	3.73	3.55, 3.73	3.31, 3.55, 3.73	3.73
Ring Gear	Pitch Diameter (in.)	8.80	9.75	9.75HD	8.80	9.75	9.75HD
Housing	Type	Cast Center					
	Cover Attachment	Bolted					
Lubricant Capacity (pt.)		4.0–4.15		5.5–5.65	4.0–4.15		5.5–5.65
Wheel Bearings	Type	Straight Roller					
Gears	Type	Hypoid					
	Material	Alloy Steel					
Pinion	Mounting	Overhung					
Differential	Type	2-pinion					
	Bearings	Tapered Roller					

(1) With Heavy-Duty Payload Package.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2020 F-150 > Specs > Chassis

Four-wheel Vented Disc (ABS)

Type	Model	Axle Usage	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/Width (in.)/Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Rotor (Disc)	All	All	13.8	9.33	Outboard	9.99/2.53/0.55	Dual 2.13	40.6	297.5
					Inboard	10.36/2.53/0.55			

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Hydraulic Brake Equipment Specifications — Rear Disc

Type	Axle Usage (in.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/Width (in.)/Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD	ID					
Rotor (Disc)	9.75, 8.8 w/5.0L Ti-VCT V8	13.7	10.28	Outboard	3.88/1.48/0.41	Single 2.13	15.5	254.5
Rotor (Disc)	8.8 (less 5.0L Ti-VCT V8)	13.23	9.57	Outboard	4.31/1.54/0.43	Single 2.13	17.2	254.1

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Brake Master Cylinder Specifications

Type	Bore Dia. (in.)
Dual-bore	1.187–1.370

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Power Brakes Vacuum Booster Specifications

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Dash-mounted	9.07 Front/8.98 Rear	9.93 Max. OD	Tandem

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Frame Specifications

Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
Regular Cab 4x2	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
Regular Cab 4x4	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCab 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x2	157	8	9.06 x 3.58 x 0.87 (LD) 9.06 x 3.58 x .1 (HD) 9.06 x 3.58 x .11 (HPP)	4.95 5.73 6.28	49,300 49,300 49,300
SuperCrew 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x4	157	8	9.06 x 3.58 x .1 (HD) 9.06 x 3.58 x .11 (HPP)	5.73 6.28	49,300 49,300
SuperCab 4x2	164	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x4	164	8	9.06 x 3.58 x .11 (HD/HPP)	6.28	49,300

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2020 F-150 > Specs > Chassis

Shock Absorber Specifications

Usage	Front			Rear		
	No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Standard	2	1.38	Gas-pressurized	2	1.26	Gas-pressurized

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Spring Specifications — Front Coil

Model	Combined Rating @ Ground (lbs.)	Normal Working Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
Gas 4x2/4x4[1]	2,850	12.0	3.75	.619	314
	3,000	12.0	3.75	.640	354
	3,150	12.0	3.75	.659	394
	3,225	12.0	3.75	.678	433
	3,300	12.0	3.75	.678	433
	3,375	12.0	3.75	.695	473
	3,450	12.0	3.75	.695	473
	3,525	12.0	3.75	.712	513
	3,600	12.0	3.75	.712	513
	3,750	12.0	3.75	.727	553
Gas 4x2/4x4[2]	3,400	12.0	3.75	.744	633
	3,750	12.0	3.75	.752	633
Diesel 4x2/4x4[1]	3,900	12.0	3.75	.742	593
	4,050	12.0	3.75	.756"	633

(1) Except Heavy-Duty Payload Package.

(2) With Heavy-Duty Payload Package only.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2020 F-150 > Specs > Chassis

Spring Specifications — Rear Main Leaf

Comb. Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Flat Length[1] (in.)	Width (in.)	Deflection Rate (lbs. per in./spring)
3,350	2 + 1	1.58	61.5	3.0	200/314
3,800	2 + 1	1.66	61.5	3.0	200/388
4,050	2 + 1	1.71	61.5	3.0	240/405
4,800	3 + 1	2.04	61.5	3.0	262/431

(1) Length measured at bushings, center-to-center.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Steering

Cab	Wheelbase (in.)	Rack-and-pinion Power Steering[1]		Turning Diameter (ft.) Curb-to-Curb
		Rack Speed (mm Per Revolution)	Vehicle Steering Ratio	
Regular	122	47.4	20.0:1	40.7
	141	47.4	20.0:1	46.1
SuperCab	145	54.5	17.0:1	47.1
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.1
	164	54.5	17.0:1	53.0
SuperCrew	145	54.5	17.0:1	47.8
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.8
	157	54.5	17.0:1	51.1
	157 (w/Max. Trailer Tow)	54.5	17.0:1	51.1

(1) All gears include nibble damper.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2020 F-150 > Specs > Chassis

Tire Specifications

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
245/70R17 110T A/S BSW	7.5	9.88	13.70
265/70R17 115T A/T OWL	7.5	10.86	14.13
265/60R18 110T A/S BSW	7.5	10.24	13.70
265/60R18 110T A/S BSW	7.5	10.39	13.70
275/65R18 OWL all-season/all-terrain	7.5	TBA	TBA
275/45R22 112V A/S BSW	9.0	10.71	14.58
275/65R18 116T A/T OWL	7.5	10.98	14.33
275/55R20 113H A/S BSW	8.5	10.98	14.41
275/55R20 113T A/T OWL	8.5	11.06	14.60
275/55R20 113T A/T BSW	8.5	11.10	14.52
LT245/70R17 114S A/T BSW	7.5	9.96	14.37
LT275/65R18 113S A/T OWL	7.5	11.10	14.88

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Wheel Specifications

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load Front/Rear (lbs.)
Silver Steel	17 x 7.5	1.73/44	6	5.3/135	1,825/2,025
Silver-painted Aluminum	17 x 7.5	1.73/44	6	5.3/135	1,825/2,028
6-spoke Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	1,825/2,028
Silver Aluminum (Heavy-Duty Payload Package)	18 x 7.5	1.73/44	6	5.3/135	1,991/2,275
Machined Aluminum w/Painted Pockets	18 x 7.5	1.73/44	6	5.3/135	1,825/2,028
Chrome-like PVD	18 x 7.5	1.73/44	6	5.3/135	1,825/2,028
Machined Aluminum w/Painted Pockets	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
Aluminum	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
6-spoke Dark Alloy-Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
Chrome-like PVD Aluminum	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
Unique Premium Tarnished Dark Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
Polished Aluminum	20 x 8.5	1.73/44	6	5.3/135	1,825/2,028
Polished Aluminum	22 x 9.0	1.73/44	6	5.3/135	1,825/2,028

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Special Applications

Completed Vehicle Weight

Electrical Connections

Front-end Wheel Alignment and Headlamp Aim

Trailer Towing/Camper Information

Trailer Towing/Camper Information

For additional towing information, refer to the RV & Trailer Towing Guide, available as a printable PDF on **eSourceBook** or the vehicle owner's manual for more information.

Completed Vehicle Weight

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the Front GAWR, Rear GAWR or GVWR established by Ford. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed Front GAWR, Rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e., that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight, placed rearward of the rear axle, may be required to prevent front-end overloading or exceeding Front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000 lbs. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (TARC) as specified on the Safety Compliance Certification Label. Exceeding TARC will require recertification.

Front-end Wheel Alignment and Headlamp Aim

Front-end wheel alignment (toe) and headlamp aim may require adjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front wheel alignment may cause premature, uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.

Electrical Connections

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) MUST NOT be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.

Electrical

200 Amperes Alternator

240 Amperes Alternator

Alternator Specifications

Battery Applications

Cold Weather Recommendations

Light Specifications and Usage

Standard Lighting/Reflector Equipment

Trailer Towing Wiring Harness

Alternator Specifications

Output (ampere)[1]	200	240
Output (watts)	2,700	3,240

(1) Actual output is temperature- and application-dependent.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

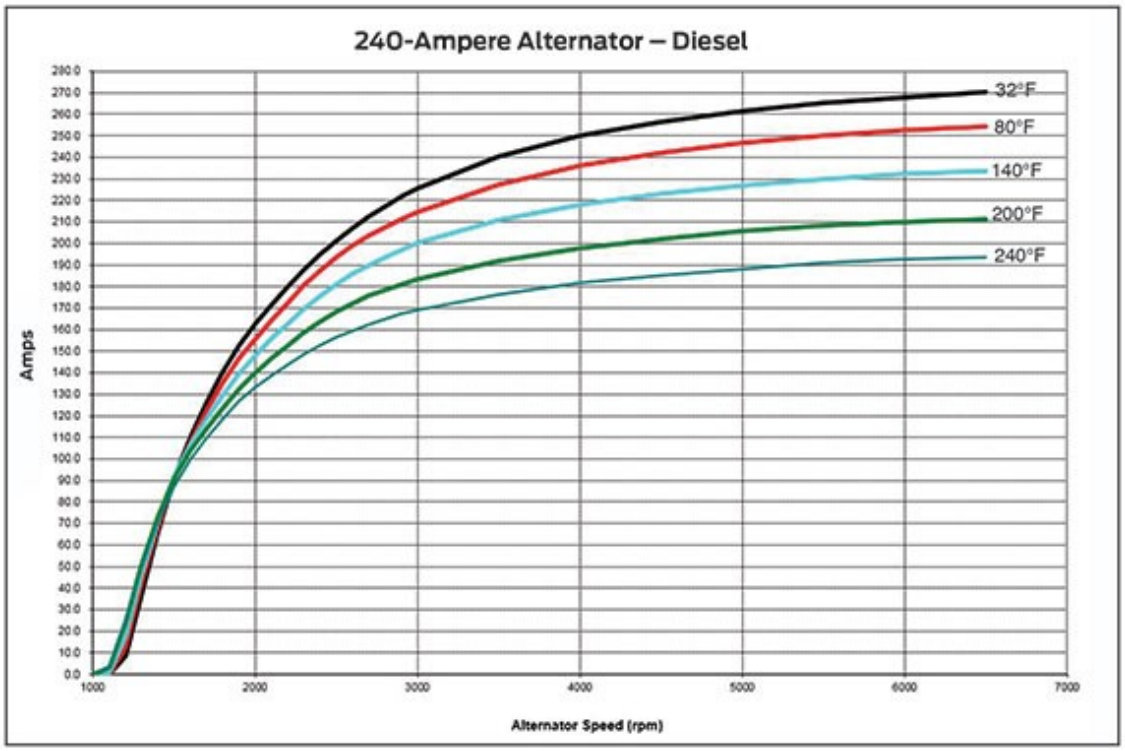
200 Amperes Alternator

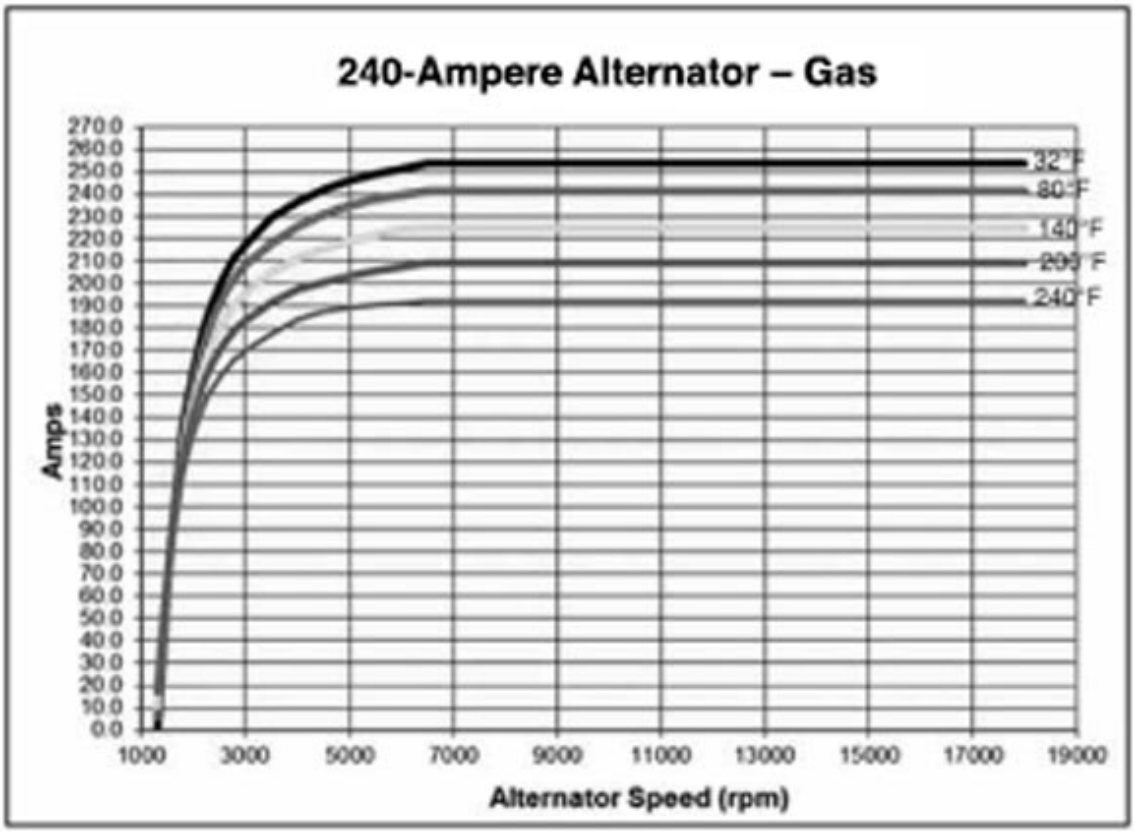
Engine	Pulley Ratio	Model Application
2.7L EcoBoost V6, 3.3L V6, 3.5L EcoBoost V6	2.67:1	XL and XLT
5.0L V8	2.81:1	XL and XLT

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

240 Amperes Alternator

Engine	Pulley Ratio	Model Application
3.0L Power Stroke V6 Turbo Diesel	2.66:1	All models
3.5L EcoBoost V6	2.67:1	Lariat, King Ranch and Platinum
High-output 3.5L EcoBoost V6	2.67:1	Limited
5.0L V8	2.81:1	Lariat, King Ranch and Platinum





NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Battery Applications

Ampere-Hour Rating	70	80	92
Cold-Cranking Amps at 0°F	760	800	850
2.7L EcoBoost V6	XL/XLT[1]	Lariat[1]	—
3.5L EcoBoost V6	XL/XLT[1]	Lariat/King Ranch/Platinum/ Limited[1]	—
High-output 3.5L EcoBoost V6	—	—	Limited
3.0L Power Stroke V6 Turbo Diesel	—	—	XL[1]/XLT[1]/Lariat/King Ranch/ Platinum/[1]
Cold-Cranking Amps at 0°F	610	730	
3.3L V6	XL/XLT	—	—
5.0L V8	XL/XLT	Lariat/King Ranch/Platinum	

(1) Absorbent Glass Mat (AGM) battery.

NOTE: 3.0L Power Stroke V6 Turbo Diesel engine is late availability.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Cold Weather Recommendations

Minimum Temperature	Equipment	
	HD Battery	Engine Block Heater
0° F	Suggested	Not Needed
-10° F	Recommended	Suggested
-20° F	Recommended	Recommended
Below -20° F	Strongly Recommended	Strongly Recommended

DEFINITIONS

Suggested: Helpful, but not needed.

Recommended: Could improve reliability in less-than-ideal conditions.

Strongly Recommended: Will give definite improvement over the standard components.

HD Battery: Higher-capacity battery available. (Usage varies by model.)

Engine Block Heater: Available equipment for all engines. (Usage and heater capacity vary with engine requirements.)

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Standard Lighting/Reflector Equipment

Light Reflector	Application
Headlamps (Halogen)	XL, XLT, Lariat
Headlamps (LED)	King Ranch, Platinum, Limited
Parking Lamps	All Series — Integral with turn signals
Front/Rear Turn Signals	All Series
Front Side Marker Lamps	All Series
Front Side Reflectors	All Series
Rear Side Reflectors	All Series
Rear Side Marker Lamps	All Series — integral with taillamps
License Plate Lamps	All Series
Two Combination Taillamps with Integral Stop, Turn Signal and Backup Lamps and Reflective Surface	All Series
Rear Reflectors	All Series
Front Daytime Running Lamps	All Vehicles Registered in Canada

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2020 F-150 > Specs > Electrical

Light Specifications and Usage

Lamp	Code	Description	Usage
Cab Marker — (5 lights) Amber	STD	Torpedo, Hella	All Model Series
Daytime Running Lamps	STD	(2) Replaceable Bulbs, Halogen	All Vehicles Registered in Canada
Headlamps	STD	(2) Replaceable Bulbs, Halogen	All Vehicles Registered in U.S. and Canada

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Trailer Towing Wiring Harness

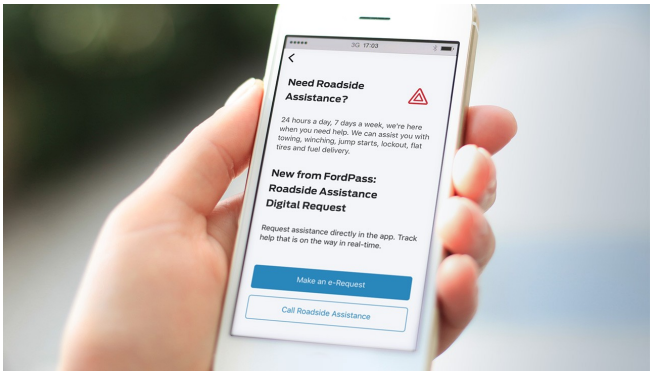
Circuit Number	Circuit Description	Color Code
RAT08	Ground	White
CAT17	Parking Lamps	Brown
CAT14	Trailer Battery Feed	Orange
CAT19	To Electric Brakes	Dark Blue
CAT09	RH Turn Signal and Stop Lamps	Dark Green
CAT06	LH Turn Signal and Stop Lamps	Yellow
CAT03/CAT16	Trailer Backup Lamps	Gray with Brown Stripe
CBP30	Front Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Blue Stripe
CBP40	Rear Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Green Stripe
CLS30	Brake Controller Running Lamp Feed/Park Lamp Feed	Violet with White Stripe
CCB08	Vehicle Stop Lamps	Violet with White Stripe
SBB18/SBB17	B+ to Electric Brake Controller	Yellow with Red Stripe

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Warranties

24-HOUR ROADSIDE ASSISTANCE[1]

- Owners can call the toll-free number (1-800-241-3673) 24 hours a day
- Customers can also use their FordPass[2] app:
  - Tap the red Hazard icon at the top of the screen
  - Tap the Make an e-Request button
  - Follow the prompts, which allow owners to identify the type of service they need
  - Owners can follow real-time progress of their request on the FordPass map
- Services available include flat tire change, towing to the nearest Ford dealership, fuel delivery, jump start and lockout assistance
- The FordPass app also offers a link to Accident Assistance under Vehicle Details/Vehicle Support
  - Accident Assistance includes information on what to do in an accident and about collision repairs
  - It also provides a collision shop locator that identifies the nearest Ford Certified Collision Center


Need Roadside Assistance?
24 hours a day, 7 days a week, we're here when you need help. We can assist you with towing, winching, jump starts, lockout, flat tires and fuel delivery.
New from FordPass: Roadside Assistance Digital Request
Request assistance directly in the app. Track help that is on the way in real-time.
Make an e-Request
Call Roadside Assistance

POWERTRAIN LIMITED WARRANTY

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage beyond the bumper-to-bumper coverage for components such as the engine, transmission and front- or rear-wheel-drive parts

NEW VEHICLE LIMITED WARRANTIES

- 3-year/36,000-mile bumper-to-bumper; no deductible
- 5-year/60,000-mile Powertrain Limited Warranty
- 5-year/unlimited-mileage Corrosion Perforation (aluminum panels don't require perforation)
- 5-year/60,000-mile Safety Restraint Warranty

POWER STROKE DIESEL ENGINE COVERAGE

- Lasts for 5 years or 100,000 miles, whichever occurs first, on certain Power Stroke-specific powertrain components
- Key components covered under this warranty include:
  - The engine, cylinder block, heads and all internal parts
  - Intake and exhaust manifolds
  - Timing gear
  - Harmonic balancer
  - Valve covers
  - Oil pan and pump
  - Water pump
  - Fuel system (excluding fuel lines, fuel tank and frame-mounted fuel conditioning module sometimes referred to as the frame-mounted pump/filter/water separator or frame-mounted fuel filter/water separator)
  - High-pressure lines, gaskets and seals
  - Glow plugs
  - Turbocharger
  - Two-stage turbocharger assembly
  - Turbocharger actuator
  - Injectors
  - Injection pressure sensor
  - Fuel rail pressure sensor
  - Exhaust back pressure regulator and sensor
  - Exhaust pressure sensor
  - Manifold pressure sensor
  - Intake air temperature sensor
  - Crankshaft position sensor
  - Camshaft position sensor
  - Accelerator switch

	▪ Powertrain control module ▪ High-pressure fuel injection pump assembly

(1) Roadside Assistance is included for certain owners and available to everyone for a per-service fee.

(2) FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

NOTE: See **www.motorcraftservice.com** for a link to a printable PDF of the Warranty Guide.